



GSB-101 LINEAR AMPLIFIER

The best power-per-dollar you can get!

Here's a linear amplifier that gives you the best power-per-dollar ratio of all. Capable of 1000 watts P.E.P. input, this grounded-grid linear amplifier does not waste drive power by swamping the exciter. Driving power appears in the output of final. What's more, the GSB-101's superior design means up to 65 % efficiency!

Simple to operate, with a minimum of controls, the GSB-101 has a single switch to change both inductance and capacitance of the pi network to match a wide range of load impedance. It is complete with plate power and

bias supplies in the same cabinet, thus eliminating external power wiring. The Gonset Linear Amplifier may be used with the GSB-100 SSB Transmitter (which it matches in compact size and modern styling) or any exciter capable of delivering approximately 60-70 watts of RF drive into a nominal 50-ohm load (input) impedance.

Four 811A amplifier tubes are used rather than a more costly single tube in order to cut replacement costs. Primary power switches are connected so that it is impossible to apply plate voltage inadvertently to the 866A

rectifier tubes before applying the filament voltage. It is also impossible to remove the filament voltage before removing the plate voltage.

FRONT PANEL CONTROLS: Final tuning, final loading, band switch, plate switch, power switch, meter switch. Pilot indicator, high-voltage indicator.

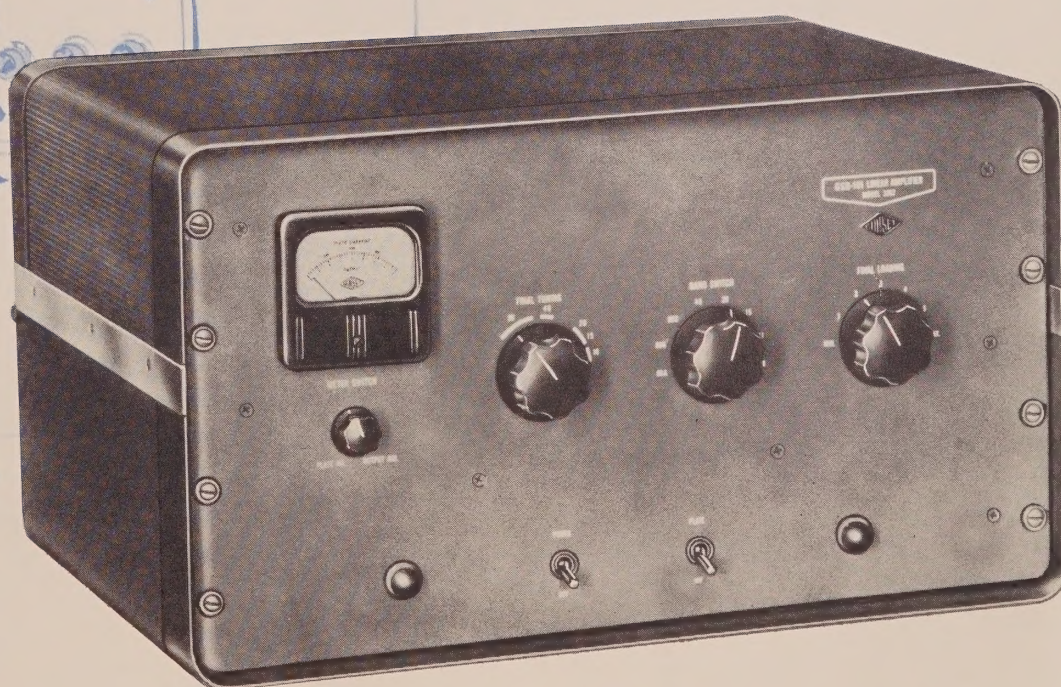
REAR CHASSIS CONTROLS AND TERMINALS: Receiver, ground, antenna, DC antenna relay, fuse, r.f. output, bias.

GSB-101 Linear Amplifier, Model 3262.

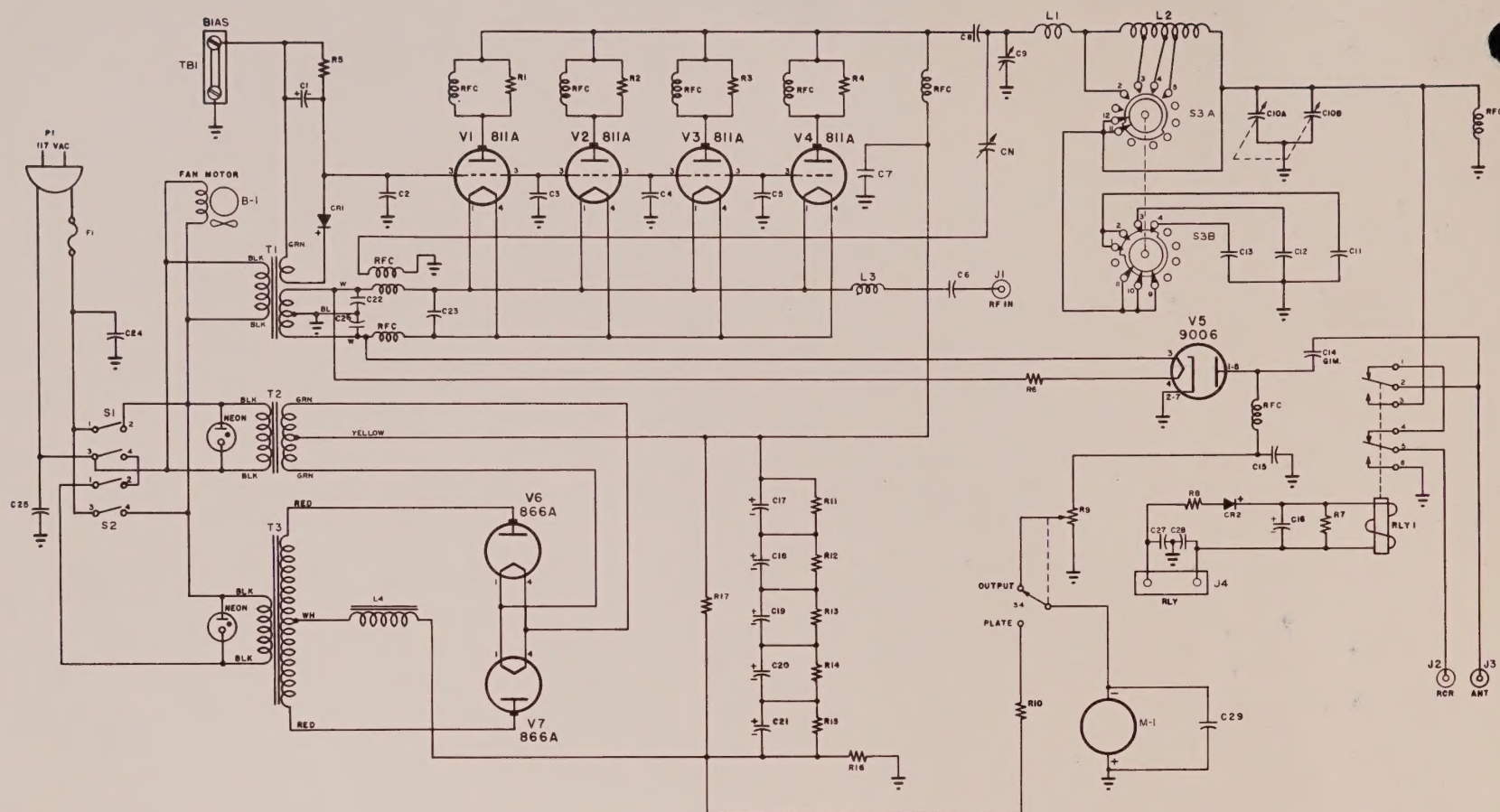
MODEL 3262

GONSET COMMUNICATION DIVISION/*young spring and wire corporation*

GONSET



GSB-101



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Best power-per-dollar on the market!

SPECIFICATIONS

Power Input: 1000 watts P.E.P. Grounded-grid principle does not waste drive power by swamping exciter. Driving power appears in output of final.

Driving Power Required: The Gonset GSB-100 easily supplies the required 60 to 70 watts. Similar 100-watt-class transmitter may be used.

Built-in DC-Operated Antenna Relay: Means quiet operation.

Tube Complement: Four 811A tubes and two 866A rectifiers.

Coverage: 80, 40, 20, 15 and 10 meters.

Output Impedance: 50 ohms nominal; with SWR, less than 3:1.

Input Impedance: 50 ohms nominal.

Power Consumption: 1500 watts peak approx.

Other Features: Full bandswitching; easily loaded, flexible pi-network output—matches 30-200 ohms; built-in power and bias supplies.

GONSET COMMUNICATION DIVISION

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